

Industrial air cleaners and filter technology



We don't leave you out in the **fog!**

Experience and progress

Clean air is a basic need of all humans. Thanks to REVEN® equipment, cooks and kitchen staff benefit from clean air at the workplace, as do many workers in the most diverse sectors of the manufacturing industry. Systems that protect people are also good for expensive machinery, installations and buildings in the industrial sector.

With more than 100 years of experience, REVEN® is today among the most innovative manufacturers of air cleaners. The comprehensive knowledge and experience we have gained in the field of high-performance separators offer huge benefits to our customers in the form of state-of-the-art technology and long lasting value.

More information at www.reven.de

X-CYCLONE® is the heart



REVEN® developed the X-CYCLONE® mechanical separator system in close cooperation with the industry. This equipment dispenses with auxiliary energy supply and is particularly well suited for the separation of harmful substances in the form of oil, aerosols, mists and vapours.

Air cleaners for machine tools



The demands on the quality of air rise increasingly in modern production centres. The pacemaker of this trend is the automotive industry, which applies strictest standards to its workshop air, because ultimately it is productivity and product quality which are at stake in this connection. Our patented X-CYCLONE® oil-mist separators have proven their worth in this respect. They protect workplaces, precision machines and the building stock of the production sites.

Clean air in industry workshops



piece of all our products

We even filter smoke & dust

The demands concerning filter equipment rise continuously.

The Ultra Cleaner not only filters aerosols, vapours and mists, it also removes fine dust and smoke from the air that are generated by erosion machines, for instance. Our test and research department continuously carries out measurements in order to deepen our knowledge and pave the way for new developments.

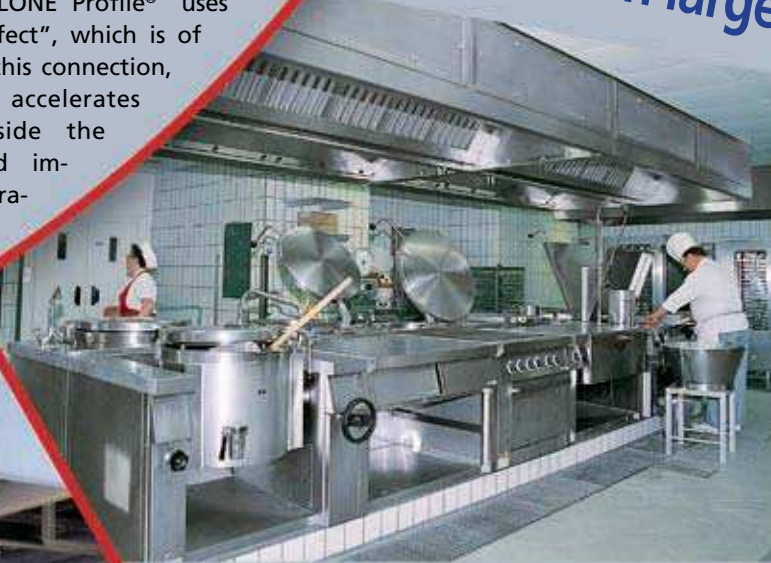
X-CYCLONE® is based on a unique, patented technology that complies to a great extent with the increased demands in air filter technology. The conduction of the airflow through the X-CYCLONE® shown in the illustration above provides for the separation of particulate material from the polluted air. The patented X-CYCLONE Profile® uses the "golf ball effect", which is of great benefit in this connection, because it even accelerates the airflow inside the X-CYCLONE® and improves the separation performance of the device.

Clean air in large-scale kitchens

The REVEN® kitchen programme includes extractor hoods and metal ventilation ceilings made optionally of aluminium or stainless steel. Our single hoods are available in various lengths up to 6 m, in divided or single-piece, wall or ceiling-mounted versions. In addition to this, REVEN® also manufactures special hoods for show kitchens.

The REVEN® ventilating ceilings (illustration below) span from wall to wall. They offer a stylish solution for large-scale kitchens and can optionally be fitted with quite a number of auxiliary equipment, such as an integrated fire extinction or filter washing system, sound insulation and lighting. Our odour absorbers even reduce smells quite considerably.

REVEN® pre-separator systems for processing machines work in a preventive manner. They prevent the propagation of harmful substances at the place of generation and protect the duct network. Central duct separators ensure clean air in the production shop.



From the design to the assembly



Administration



Design



CAD



Test stand



Manufacture



Assembly



Logistics



Final installation

REVEN® designs, constructs and manufactures everything in-house and invests the knowledge acquired in this process continuously into further developments. In the nineties, our decades of experience in canteen kitchen ventilation flew into the development of industrial separation technology. Today, REVEN®'s strong market position is supported by two solid branches, each of which benefits from synergy effects. Our worldwide success is the best proof of the high estimation our products enjoy among our customers. If you would like to learn more about REVEN®, please write to us or have a look at our homepage at www.reven.de



RENTSCHLER REVEN LÜFTUNGSSYSTEME GMBH

Ludwigstr. 16-18 · 74372 Sersheim · Germany · Tel. +49 (0) 7042 373-0 · Fax +49 (0) 7042 373-20
www.reven.de · e-mail: info@reven.de